

North Lily Meeting Notes 11/10/99

Attendee's: Wayne Hedberg, Doug Jensen, Tom Munson, Mary Ann Wright, OGM

Fred Pehrson, Dennis Frederick, Beth Wondimu, DWQ

Steven Flechner, Gene Webb, North Lily

Tom Gast, consultant

International Mahogany (Canada) were partners with North Lily. North Lily became the sole operator in March/April 1999. (Steve F.) thought the reclamation would done in 1999.

- Paul Spor left in 1998.
- North Lily is currently marketing their real estate in the Eureka area.
- Passive anaerobic biopass system, Mr. Waterman (Compliance Technology) went out of business before the report on biopass system was complete.

Gast: Where are the releases? on other side of highway?

Photos taken in 1997:

- Photo 1 & 2 : condition of overflow pond
- Photo 3: condition of barren pond liner (pond on left)
- Photo 4: pile of material flowed off; not contained
- Photo 5: pile of material flowed off; not contained
- Photo 6: barren pond pumped dry for land application
- Photo 7: condition of barren pond liner
- Photo 8: pump in the overflow pond; liner condition
- Photo 9: pumping from overflow pond; land
- Photo 10-14: pumping from overflow pond

Photos taken in 1998:

- Photo 15-17 11/17/98- breaches in preg pond
- Photo 18: condition of barren pond overflow
- Photo 19: condition of barren pond liner
- Photo 20: condition of ditches

photos taken 8/18/99

- Photo 21: view of pond sites
- Photo 22: view of overflow pond liner
- Photo 23: condition of preg pond liner
- Photo 24: condition of ditches

Did Spor know of the discharges off the pad? Yes

Gast: The size of the tank on the pump in the overflow pond wouldn't allow the pump to run for more than 1-2 hours.

Webb: In '97 North Lily was running on a 24 hour shift. December or January '98, the permit was issued so 24 hour coverage was ended.

Munson: In 8/19/97, 880,000 gallons were land applied, 5 gpm was coming out of the heap.

Gast: Problem with the facts. We were operating on conjecture, sorcery, witchcraft

Jensen: What is the witchcraft? 800,000 gallons evaporated in October. The concern is that heading into a wet season, assuming the areas of spraying are saturated.

Gast: Water balance- return flow 70-75 gpd, suggest that were water being applied (75 gpm pumped into heap) that compaction was effective. Trying to gage how much was being stored in heap. In October the pumping was stopped intermittently to assess flow from the pad.

Jensen: How was the flow from the heap measured?

Gast: Visual.

Jensen: Water from the water application system was running down off the pad because there are no ditches. (Gast agrees that some water is coming off rills)

Gast: Presently have 200-250,000 gallons stored on site. 150,000 gallons being stored in the pad.

Jensen: In August there was water inventory of approximately 1 million gallons. Where did the water go?

Gast: Very favorable weather conditions. Additional misters were installed on the heap

Hedberg: What was done? Additional misters, wobblers, sprinklers.

Gast: Last out there in 1996 & yesterday. Elwin Elwood, North Lily maintenance guy (lives in Spanish Fork).

Munson supplied names, contacts (Barrick and others) to North Lily of people presently evaporating water.

Hedberg: Barrick losing 1 million gallons/day in October.

DWQ: What is the current condition of the site? What is the future of the site?

Webb: '95 was the end of active operations.

Hedberg: In 4 years ponds have gone full to dry several times.

Gast: No questions of leaking ponds and ditches. No question of pond liner condition. Sump monitoring has not been done since December 1997, but will be reinstituted.

Frederick: Compliance problem with the monitoring not being done.

Jensen: Transformers gutted and lying on the ground, oil spilled.

Gast: Needs to be disposed of, no question. (1980's) These were buried in Dragon dump. EPA called, 20 marshals showed up on site to conduct 24 hour surveillance.

Wright: Brief summary

- Develop a detailed closure and review.
 - 1) Managing water between now and next spring.
 - 2) Development of plans. A reply to DWQ from North Lily was due 30 days from October 19, 1999.
- Continue oversight to reduce deterioration.
- Do what is necessary to reduce the potential for catastrophic failure.
- Plan closure and reclamation of facility.
- Suggest modification of reclamation plan.

Hedberg: Plan for:

- 1) no further releases,
- 2) sufficient containment to get us to spring.

What are your thoughts.

Gast: Starting point- Ed & I sampled at a water well, a fixed compliance point 1 mile away. Groundwater at the plant site was 300+'. Sample main spillway into the preg pond and water well.

Webb: North Lily's Plan

- General cleanup of site
 - Deal with used equipment
- Site is checked three times a day in a 24 hour period 7 days a week, since 1998.

Gast: North Lily will clean up material that sloughed off the pad.

Munson: We do not have data on the potential harm of solutions leaving the site. We have a

site in dire disrepair. Should you spend money on testing or should money go for creative maintenance? The site should have been reclaimed in 1996.

Gast: The heap was compacted and ripped top 3' of the pad.

8/18/99- 1 million gallons on site
11/9/99- 80,000 gallons left on site

Gap of water data, 1997-yesterday. Also land application data taken. Beth took data from spillway in September.

- 30 days for clean up
- 30 day closure plan- November 22

Webb: Tom to inspect in December with me. (8,000 acres to sell \$3-4 million)

Munson expects to see in December:

- electrical equipment
- junk cars
- piping
- patch liners- preg pond/ ditches delivery areas
- ditch _____?

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